1/8 FIG.1

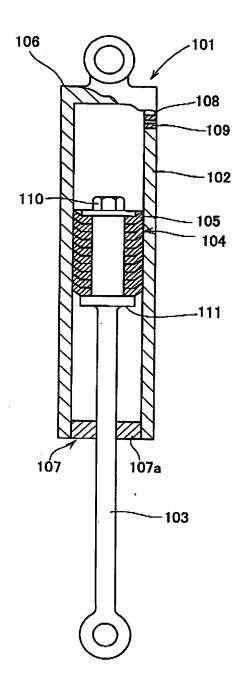


FIG.2

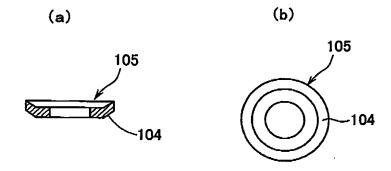
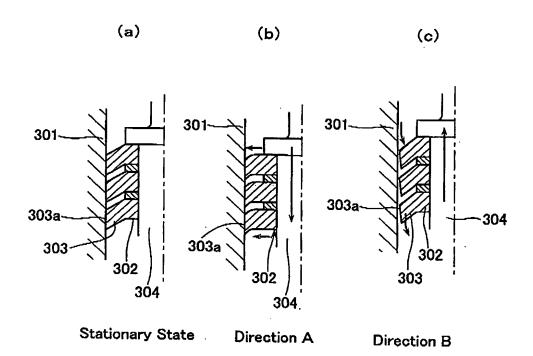


FIG.3



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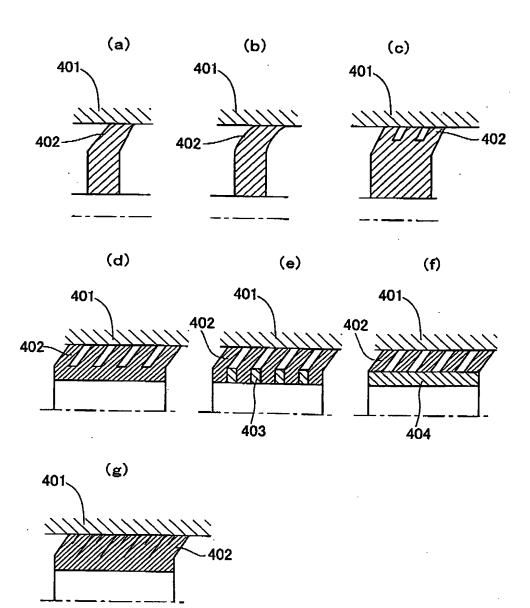
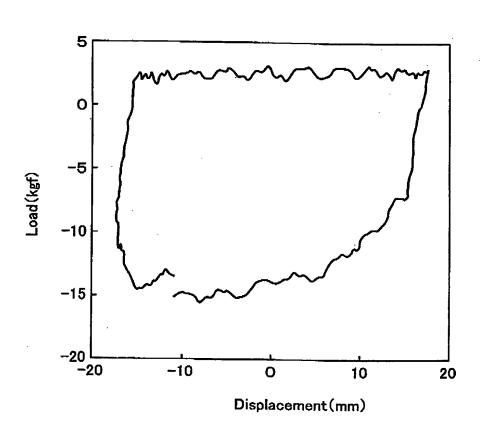
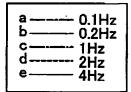


FIG.5



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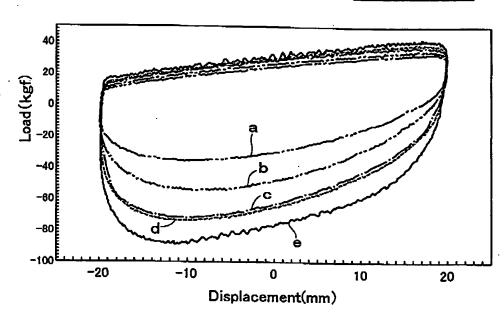
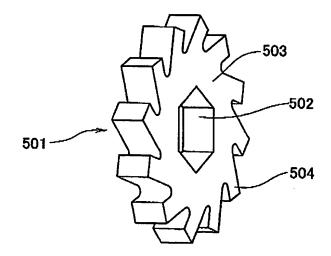


FIG.7



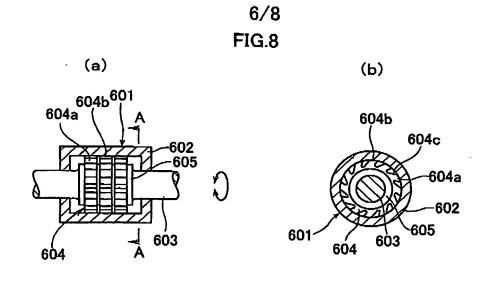


FIG.9

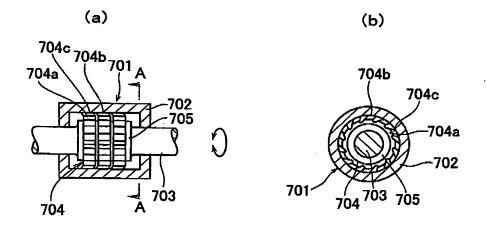
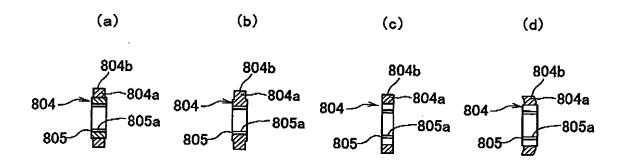
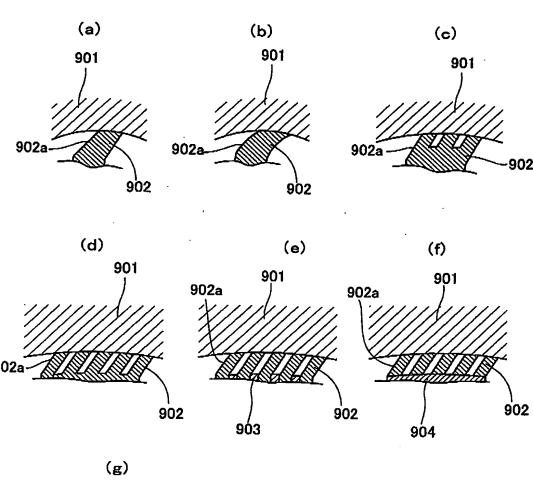


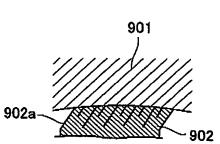
FIG.10



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FIG.11

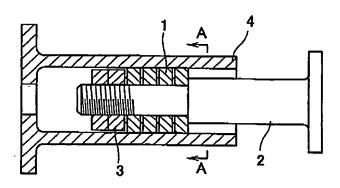




8/8<sup>-</sup> FIG.12

(a)

(b)



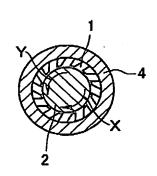
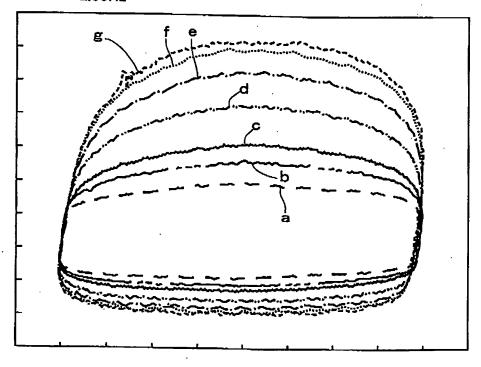


FIG.13

a	0.05Hz
b	0.10Hz
C	0.20Hz
d	0.50Hz
	1.00Hz
	1.50Hz
g	2.00Hz

Torsion Torgue [N·m]



Torsion Angle[°]